

Message Text

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ACTION EUR-25

INFO OCT-01 ISO-00 CIAE-00 PM-07 INR-10 L-03 NSAE-00 PA-04

RSC-01 PRS-01 SP-03 USIA-15 TRSE-00 SAJ-01 SS-20

NSC-07 ACDA-19 SCI-06 AEC-11 MC-02 DRC-01 EB-11 NEA-10

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R 301506Z APR 74

FM USMISSION NATO

TO SECDEF WASHDC

SECSTATE WASHDC 5430

INFO JCS WASHDC

DA WASHDC

CNO WASHDC

CSAF WASHDC

USNMR SHAPE

USCINCEUR

ALL NATO CAPITALS 3938

C O N F I D E N T I A L SECTION 1 OF 2 USNATO 2345

C O R R E C T E D C O P Y (ALPHABETIZING OF PARAS. -- A., B., C.,
ETC., VICE A., B., E., ETC. TEXT PARA. G. ALSO CORRECTED.

E.O. 11652: GDS 12-31-80

TAGS: MARR, NATO

SUBJ: REPORT OF CONFERENCE OF NATIONAL ARMAMENTS DIRECTORS
(CNAD), 24-26 APRIL 1974, NATO HQS

SECDEF FOR ODDR&E (CAPT F. CARRIER), OASD(I&L) (MR D. CUFFE), &
OASD(ISA). CNO FOR OP-07. CSAF FOR AFRDPSI & AFRDQ. DA FOR DARD-
PPI.

USNADREP SENDS

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BEGIN SUMMARY: THE 13TH CNAD WAS CONDUCTED AT NAO HQS,
BRUSSELS, AND SHAPE HQS 24-26 APR 74. MAJOR DISCUSSION ITEMS
INCLUDED ALLIANCE DEFENCE INDUSTRY & TECHNOLOGY, AIRBORNE EARLY
WARNING, SURFACE-TO-AIR MISSILE SYSTEMS, SMALL ARMS AMMUNITION,
TANK MAIN ARMAMENT, ELECTRONIC WARFARE, AND UTILIZATION OF NATO
INDUSTRIAL ADVISORY GROUP (NIAG). SHAPE MEETING (25 APR) REPORTED

SEPTEL. END SUMMARY

1. THIS MESSAGE ADDRESSES ITEMS DISCUSSED PER AGENDA (AC/259-A/13); INCLUDES SPECIFIC MATTERS OF IMPORTANCE DISCUSSED DURING THE CONFERENCE; AND INDICATES THEMES FOR FUTURE CNAD MEETINGS.

A. EURONAD (NATIONAL ARMAMENTS DIRECTORS OF EUROGROUP NATIONS) REPORT. HIGHLIGHT OF EURONAD REPORT (VANDEN BERGH-NL) WAS COMMENT UPON F-104G REPLACEMENT PROGRAM. HIS COMMENTS REFLECTED HEAVY EURONAD PRESSURE ON ALL CONCERNED NATIONS TO SEEK A COMMON SOLUTION FOR REPLACEMENT OF NATO F-104G AIRCRAFT.

B. ITEM I (A) - SYNTHESIS AFFECTING PRIORITY TASKS FOR CNAD. THE CHAIRMAN (DR. TUCKER) OPENED THE CONFERENCE WITH A SUMMARY OF WHAT THIS CNAD SHOULD HOPE TO ACCOMPLISH AND ALSO PROPOSED PRIMARY THEMES FOR THE NEXT TWO CNAD. KEY SUBJECTS FOR THIS CNAD INCLUDED ALLIANCE DEFENCE INDUSTRY & TECHNOLOGY (ADIT), AIRBORNE EARLY WARNING (AEW), ELECTRONIC WARFARE (EW), AND UTILIZATION OF THE NATO INDUSTRIAL ADVISORY GROUP (NIAG). CHAIRMAN PROPOSED THAT CNAD, OCT 74, CONCENTRATE ON NAVAL MATTERS AND CNAD, APR 75, FOCUS ON NATO AIR DEFENCE. SYNTHESIS OF VARIOUS ELEMENTS AFFECTING SELECTION AND IMPLEMENTATION OF PRIORITY TASKS FOR CNAD IS STILL IN PROCESS OF EVOLUTION WITH MILITARY (SHAPE) PARTICIPATION.

E. ITEM I (B) - CHAIRMAN'S REPORT. REFS: AC/281-REPORT (74)5 AND DS/ASG(74)93. CHAIRMAN REPORTED TO CNAD THE STATUS OF CURRENT NATO ACTIVITIES WHICH RELATE DIRECTLY TO CNAD AREAS OF INTEREST. HE COMMENTED ON THE SPRING REPORT (1974) CONCERNING ALLIANCE DEFENCE PROBLEMS FOR THE 1970S WHICH WILL EMPHASIZE NECESSITY FOR STANDARDIZATION IN ARMAMENTS. HE NOTED THAT CNAD MAY INHERIT THE TASK OF ATTEMPTING TO FORMULATE COMMON TACTICAL CONCEPTS AS A FIRST STEP LEADING TOWARD INCREASED EQUIPMENT STANDARDIZATION. IN SHAPEX 74 (15-17) -6) COOPERATION IN RESEARCH AND DEVELOPMENT (R&D) WILL BE HIGHLIGHTED. THE RECENT SEA BREEZE CONFERENCE AT SHAPE EMPHASIZED THE NEED FOR R&D
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COOPERATION. SPECIALIZATION IN LOGISTICS AREAS, SUCH AS COMMON PROCUREMENT OF AMMUNITION, IS ALSO OF INTEREST TO THE CNAD.

D. ITEM I (C) - ALLIANCE DEFENCE INDUSTRY & TECHNOLOGY (ADIT). REFS: AC/259-D/379 AND USNATO 2012. CHAIRMAN OPENED SUBJECT WITH BACKGROUND STATEMENT WHICH INCLUDED SUMMARY OF DISCUSSION IN THE NAC REPORTED IN USNATO 2012). AFTER LIVELY EXCHANGE OF VIEWS, CNAD REACHED CONSENSUS ON FOLLOWING POINTS:

(1) ADIT IS IMPORTANT SUBJECT AND CNAD MUST ADDRESS IT IN SOME MANNER.

(2) CNAD WILL FORM AN EXECUTIVE WORKING GROUP (EWG) WITH NADREPS AS A NUCLEUS. BACKUP TO NADREPS WILL BE AT LEVEL

OF NATIONAL R&D DEPUTIES.

(3) EWG WILL CONVENE SOON TO DEFINE TERMS OF REFERENCE WHICH WILL BE CIRCULATED TO THE CNAD FOR COMMENT. INITIALLY, THE EWG WILL LIMIT ITS AREA OF INTEREST TO INEFFICIENCY, OVERLAP, AND WASTEFUL DUPLICATION IN OVERALL ALLIANCE TECHNOLOGY PROGRAMS. DETAILS ARE IN PARA 14, ANNEX II, AC/259-D/379.

E. ITEM II (A) - FOLLOW-UP TO DECISIONS TAKEN AT THE LAST CNAD MEETING. CHAIRMAN GAVE BRIEF STATUS REPORT ON FIVE AREAS OF PREVIOUS CNAD INTEREST; ANIT-ARMOR, ANTI-SHP MISSILES, AIR-TO-AIR MISSILES, NEW NATO RIFLE, AND CLOSE-IN WEAPON SYSTEM FOR SHIP DEFENSE AGAINST MISSILES. HIGHLIGHT OF REPORT WAS SHAPE PLAN FOR AN AERIAL MANEUVERING RANGE WHICH WOULD COMBINE FIGHTER PILOT TRAINING WITH ELECTRONIC COUNTERMEASURES (ECM).

F. ITEM II (B) - SURFACE-TO-AIR MISSILES (SAM). REF: AC/259-WP/18. FRG NAD (WAHL) REPORTED ON PROSPECTS FOR A COMMON NATO SAM. HE PROPOSED THAT IMPROVED HAWK (HIP) BE UTILIZED AS PRIMARY FIELD ARMY AIR DEFENSE THROUGH THE LATE 1980S. SAM-D COULD REPLACE NIKE-HERCULES IN THE MID-1985 TIME FRAME. UK, FRANCE AND US SHOULD DEFINE AND EMBARK UPON THREE STUDIES AS FOLLOWS:

(1) UK-FRENCH BILATERAL STUDY ON SAM-D OR A REVISED VERSION;
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(2) STUDY ON FUTURE GROWTH CAPABILITIES OF HIP; AND

(3) MEDIUM SAM STUDY INDEPENDENT OF BOTH US SAM-D AND FURTHER IMPROVEMENT OF HIP.

ON SUBJECT OF SHORT-RANGE AIR DEFENCE SYSTEM (SHORADS) US NAD REPORTED THAT US PLANS ARE PROCEEDING ON SCHEDULE. THE US EXPECTS TO SELECT ONE OF THE THREE EUROPEAN SYSTEMS (RAPIER, ROLAND, OR CROTALE) FOR PRODUCTION UNDER LICENSE IN THE US.

G. ITEM II (C) - LIGHT AND MEDIUM INFANTRY SUPPORT WEAPONS. REF: AC/259-WP/19. THE US DIFFERS WITH THE EUROPEANS ON RANGE REQUIREMENTS FOR BOTH A NEW RIFLE AND A SQUAD AUTOMATIC WEAPON (SAW). US NAD SUGGESTED THAT ALL NATIONS TAKE TIME TO REVIEW BELGIAN RECOMMENDATIONS (SEE REF), REPORT BACK TO CNAD IN FALL 74, AND PLAN TO FIX A FIRM DATE FOR NATO DECISIONS ON THESE WEAPONS. THE FRG NAD EMPHASIZED THAT STANDARDIZATION FOR THE RIFLE AMMUNITION SHOULD BE GIVEN TOP PRIORITY.

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NSC-07 ACDA-19 SCI-06 AEC-11 MC-02 DRC-01 EB-11 NEA-10

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R 301506Z APR 74
FM USMISSION NATO
TO SECDEF WASHDC
SECSTATE WASHDC 5431
INFO JCS WASHDC
DA WASHDC
CNO WASHDC
CSAF WASHDC
USNMR SHAPE
USCINCEUR
ALL NATO CAPITALS 3939

C O N F I D E N T I A L SECTION 2 OF 2 USNATO 2345

H. ITEM II (D) - AIRBORNE EARLY WARNING. REFS: AC/259-D/369
AND AC/259-D/370. CHAIRMAN (COL LILLEY, USAF) OF THE SPECIAL
TASK GROUP(STG) ON US AWACS (E3A) GAVE A PROGRESS REPORT. TWO
NATION (US AND UK) HAVE A FIRM REQUIREMENT. TEN NATIONS ARE
INTERESTED. CHAIRMAN (ADM JUNGUS, UK) OF NATO NAVAL ARMAMENTS
GROUP (NNAG) STATED THAT 50 PCT OF THE NATO AEW REQUIREMENTS
ARE MARITIME AND QUESTIONED IF THE B3A IS THE BEST CHOICE. US
NAD STATED THAT THE AWACS WAS DESIGNED PRIMARILY FOR LOOK-DOWN
CAPABILITY OVER LAND. THERE IS TREMENDOUS GROWTH CAPABILITY IN
THE E3A. MARITIME CAPABILITY COULD BE ADAPTED WITHIN THE
GREATER REQUIREMENT. NETHERLANDS, DENMARK AND FRANCE ALL HAD

RESERVATIONS ON THF SELECTION OF THE E3A AS THE SOLE SYSTEM
TO BE STUDIED. FRG SUPPORTED US POSITION AND RECOMMENDED
THAT THE CNAD STAY WITH THE TIME SCHEDULE OF THE STG. ONLY
CONSENSUS REACHED WAS THAT THERE ARE MAJOR PROBLEMS YET TO BE
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FACED WITH AWACS.

I. ITEM II (E) - NIGHT VISION. NETHERLANDS REPORTED TO CNAD
ON NIGHT VISION. FINAL RECOMMENDATIONS WERE:

(1) ACCELERATE INTRODUCTION INTO NATO OF ADVANCED,
LIMITED VISIBILITY SYSTEMS.

(2) INCREASE EFFORTS IN FIELD OF FAR INFRA RED.

(3) COORDINATE RESEARCH OF ATMOSPHERIC INFLUENCE ON PERFORMANCE OF LIMITED VISIBILITY SYSTEMS.

(4) EMPHASIZE STANDARDIZATION OF COMPONENTS.

J. ITEM III (A) - LFEET CARGO SUBMARINES (FCS). REF: AC/259-D/263. NNAG CONCLUDED THAT FCS WOULD BE VERY EXPENSIVE AND DETAILED COST EFFECTIVENESS STUDIES WOULD BE REQUIRED. CONSENSUS OF CNAD WAS TO REPORT RESULTS TO THE MILITARY COMMITTEE (MC) AND AWAIT MC COMMENTS.

K. ITEM III (B) (1) A TANK MAIN ARMAMENTS EVALUATION. US NAD REPORTED ON THE TRIPARTITE (US, UK, FRG) TANK MAIN ARMAMENT EVALUATION PROGRAM. CANDIDATE WEAPONSAND AMMUNITION INCLUDE THE UK 110MM RIFLED GUN, THE FRG 105MM AND 120MM SMOOTH BORE CANNON, AND THE US 105MM (RIFLED) AMMUNITION PRODUCT IMPROVEMENT. DURING THE CNAD FRANCE RESPONSED AFFIRMATIVELY TO INVITATION TO PARTICIPATE IN THE EVALUATION PROGRAM. NATO ARMY AMAMENTS GROUP (NAAG) REQUESTED THAT NAAG PANEL II (COMBAT & SUPPORT VEHICLES) BE PERMITTED SOME DEGREE OF INVOLVEMENT AND AS A MINIMUM BE KEPT INFORMED OF PROGRESS.

1. ITEM III (B) (2) - WEAPONSFOR ATTACK OF AIRFIELDS AND SHELTERED AIRCRAFT. UK NAD REPORTED ON AIRFILED ATTACK WEAPONS. IN RESPONSE TO HIS DECLARATION THAT ONLY THE US HAD BEEN DEVELOPING SUCH WEAPONS, HE BELGIAN NAD NOTED THAT BOTH BELGIUM AND CANADA HAVE ALSO BEEN DEVELOPING MUNITIONS FOR THIS PURPOSE (PRIMARILY AERIAL ROCKETS).

M. ITEM III (C) - GREEK INTEREST IN ATTACK HELICOPTERS. GREECE CIRCULATED A STATEMENT WHICH POINTED OUT THAT AT LEAST CONFIDENTIAL

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FOUR NATO COUNTRIES ARE INVOLVED IN R&D (OR PRODUCTION) OF ANTI-TANK (A/T) HELICOPTERS. GREECE SUGGESTED THAT CNAD TASK NAAG PANEL X (AIR VEHICLES FOR TACTICAL AIR MOBILITY) TO EXAMINE FEASIBILITY OF COMMON DEVELOPMENT AND PRODUCTION OF AN A/T HELICOPTER AS A COMPLETE WEAPONS SYSTEM.

N. ITEM III (C) - ANTI ARMOR BARRIERS. CURRENTLY NAAG PANEL XII (ENGINEER EQUIPMENT) AND IV (ARTILLERY) ARE WORKING ON MINES AND DELIVERY METHODS. CNAD TASKED THE NAAG TO COORDINATE THESE EFFORTS, ASSIGN A HIGHER PRIORITY TO THE WORK AND REPORT BACK TO THE CNAD.

C. ITEM III (C) - TWO-SIDED TESTING. US NAD REPORTED ON TACTICAL EFFECTIVENESS TESTING OF ANTI-TANK MISSILES (TETAM) AND THE USEFULNESS OF TWO-SIDED TESTING (TST). THE US IS INTERESTED IN STIMULATING AND EXPANDING TST IN OTHER AREAS OF WEAPONRY.US WILL OFFER SELECTED US NATIONAL TEST RANGES FOR NATO USE. FRG STRONGLY SUPPORTED US VIEWS.

P. ITEM III (C) - ELECTRONIC WARFARE (EW). EW HAS BEEN IDENTIFIED AS AN AD-70 DEFICIENCY. RECENT MID-EAST WAR BROUGHT OUT AGAIN THE VALUE OF EW. DISCUSSION EMPHASIZED NECESSITY FOR IMPLEMENTING EW TRAINING PROGRAMS WITHOUT FURTHER DELAY. UK AND CANADA HAVE BEEN BALKING AT COMMON FUNDING FOR EW TRAINING ON BASIS THAT TRAINING IS NATIONAL RESPONSIBILITY. MUCH WORK REMAINS TO BE DONE WITHIN NATO IN THE FIELD OF EW.

Q. ITEM IV - NATO INDUSTRIAL ADVISORY GROUP (NIAG) REFS: AC/259-D/356, AC259-N/135, AC/259-N/136 AND AC/259-D/366. CONSENSUS WAS THAT NIAG COULD BEST ASSIST THE OTHER MAIN GROUPS IN AN ADVISORY CAPACITY BUT SHOULD NOT BECOME INVOLVED IN DETERMINING MILITARY REQUIREMENTS. TASKS FOR NIAG, AS A CONSULTATIVE BODY TO CNAD AND THE OTHER MAIN GROUPS, MUST BE CLEAR CUT. EXAMPLE IS MULTI-FUNCTION RADAR STUDY WHICH THE CNAD ENDORSED. NIAG ALSO CAN PLAY AN IMPORTANT ROLE IN EXAMINING THE PROBLEMS OF ALLIANCE DEFENCE INDUSTRY & TECHNOLOGY (ADIT). NIAG CHAIRMAN AGREED TO DISCUSS ADIT AT NEXT PLENARY SESSION (17-18 JUN 74).

R. ITEM V - NATO EXPLORATORY CONFERENCE ON PRODUCTION LOGISTICS. REFS: AC/259-D/362 AND AC/259-D/374. GUIDANCE TO CONFIDENTIAL

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NATO PROCUREMENT AUTHORITIES (D/374) WAS APPROVED WITH THE DELETION OF ARTICLE 14, A CONTROVERSIAL ITEM ON INDUSTRIAL PROPERTY RIGHTS.

2. THE NEXT THREE CNAD MEETINGS WILL BE HELD:

29-31 OCT 74, NATO HQS - PRIMARY THEME: NAVAL MATTERS.

22-24 APR 75, NATO HQS - PRIMARY THEME: AIR DEFENCE.

28-30 OCT 75, NATO HQS - NO DESIGNATED PRIMARY THEME.
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